

Fig. 3

302

FORMULATE TEST DATA FOR TRANSMISSION TO A
PLURALITY OF CLIENTS

402: ALTERNATIVE 1
OBTAIN A SELECTED PERCENTAGE OF
THE IMAGE

404: ALTERNATIVE 2
VARYING THE AMOUNT OF TEST DATA
GENERATED OR SELECTED AND SENT,
TO BALANCE RELIABILITY AND COST

406: ALTERNATIVE 3
OBTAIN A QUANTITY OF DATA OF A
SELECTED SIZE FROM THE IMAGE

408: ALTERNATIVE 4
OBTAIN DATA FROM THE IMAGE,
WHEREIN THE DATA SELECTED IS
SUFFICIENT TO RESULT IN
TRANSMISSION OVER A SELECTED
PERIOD OF TIME

Fig. 4

304

SEND TEST DATA TO A PLURALITY OF CLIENTS

502: OPTIONAL ELEMENT 1
SEND TEST DATA TO THE PLURALITY OF
CLIENTS BY OPERATION OF A RELIABLE
MULTICAST SESSION

504: OPTIONAL ELEMENT 2
SEND AN INITIAL TRANSMISSION OF
DATA; SET A TIMER; AND SEND
ADDITIONAL DATA UNTIL THE TIMER
EXPIRES

506: OPTIONAL ELEMENT 3
SEND A PORTION OF THE IMAGE AT AN
INITIAL TRANSFER RATE

508: OPTIONAL ELEMENT 4
SEND A FIRST PORTION OF THE IMAGE
AT A FIRST RATE;
SEND A SECOND PORTION OF THE
IMAGE AT A SECOND RATE

Fig. 5

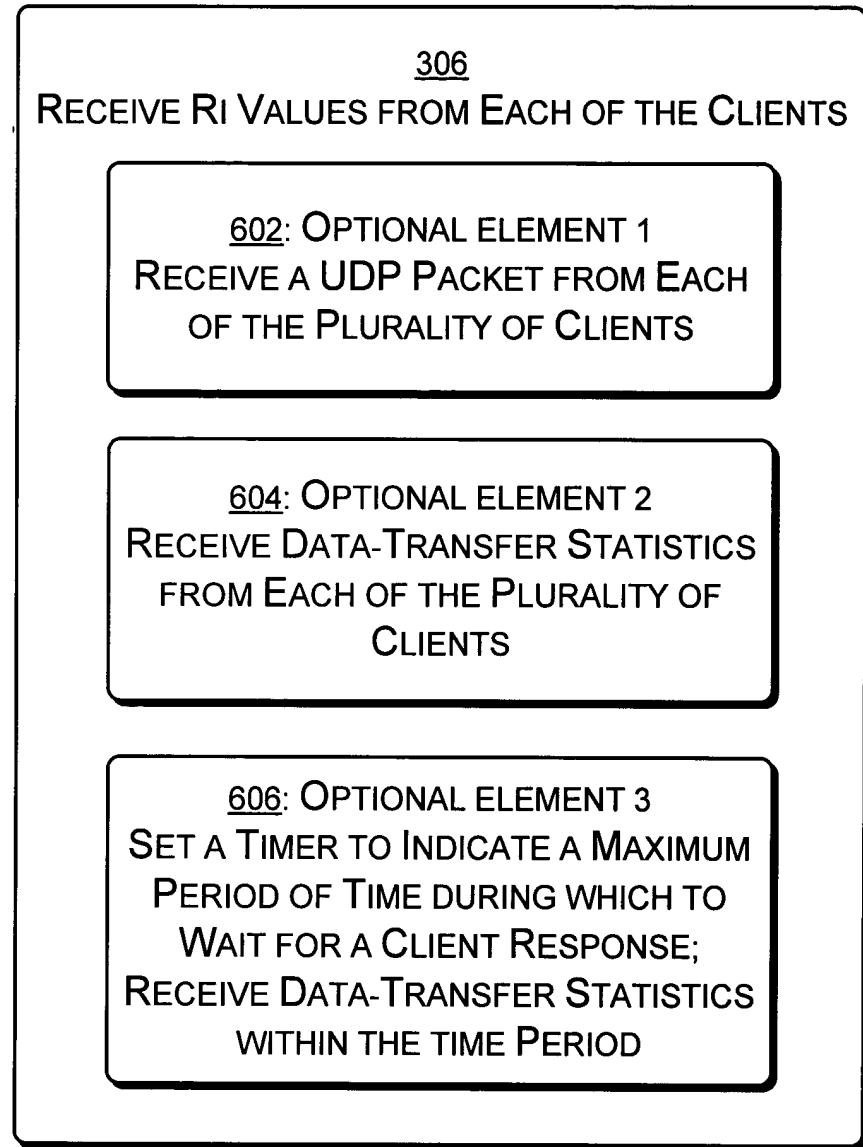


Fig. 6

308

CALCULATE RATE R_0 AT WHICH TO SEND AN
IMAGE

702: ALTERNATIVE 1
SET R_0 EQUAL TO THE MINIMUM R_i FOR
ALL i

704: ALTERNATIVE 2
FORM AT LEAST TWO GROUPS OF
CLIENTS, BASED ON EACH CLIENT'S R_i
VALUE; SELECT THE SMALLEST R_i
FROM WITHIN THE AT LEAST ONE
GROUP

706: ALTERNATIVE 3
SELECT ONE OF THE R_i ;
SET R_0 EQUAL TO THE SELECTED R_i ,
LESS A DE-RATING FACTOR

Fig. 7

800 →

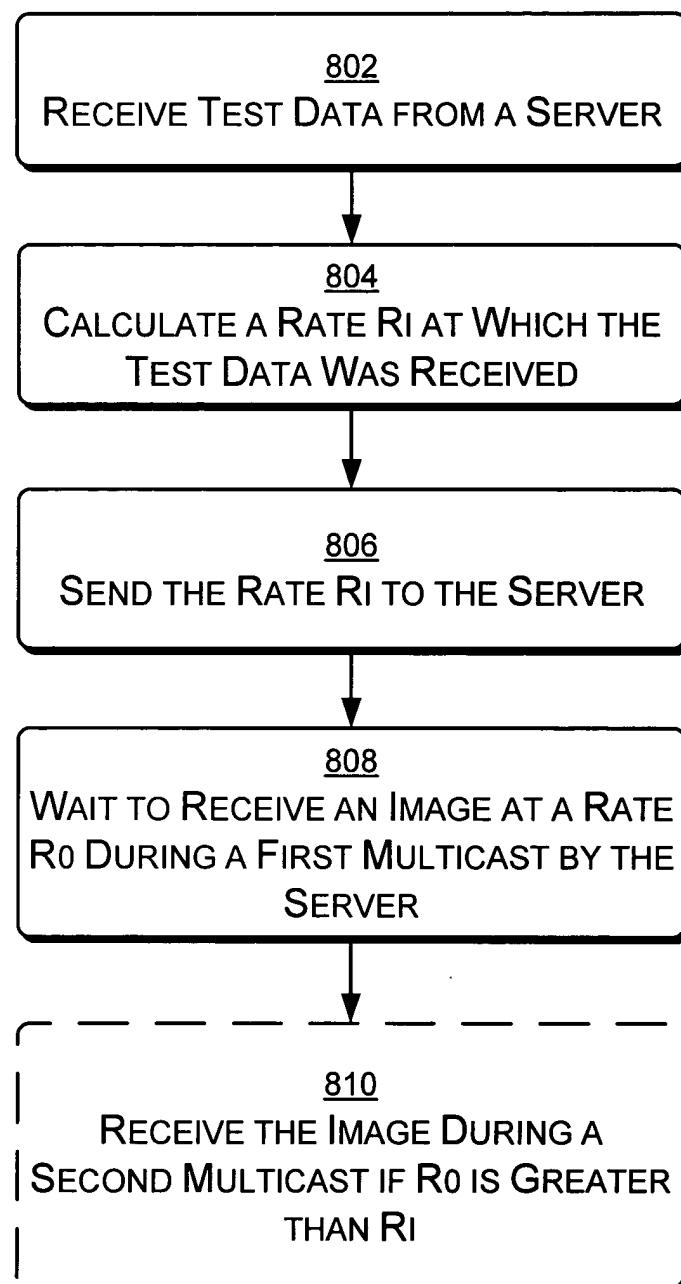


Fig. 8

802

RECEIVE TEST DATA FROM A SERVER

902: OPTIONAL ELEMENT 1
RECEIVE A PORTION OF AN IMAGE AT
AN INITIAL TRANSFER RATE

904: OPTIONAL ELEMENT 2
RECEIVE AN INITIAL TRANSMISSION OF
TEST DATA; SET A TIMER;
RECEIVE ADDITIONAL TEST DATA UNTIL
THE TIMER EXPIRES

906: OPTIONAL ELEMENT 3
DECRYPT AND DECOMPRESS THE
RECEIVED TEST DATA;
WRITE THE DECRYPTED AND
DECOMPRESSED TEST DATA TO A DISK

Fig. 9

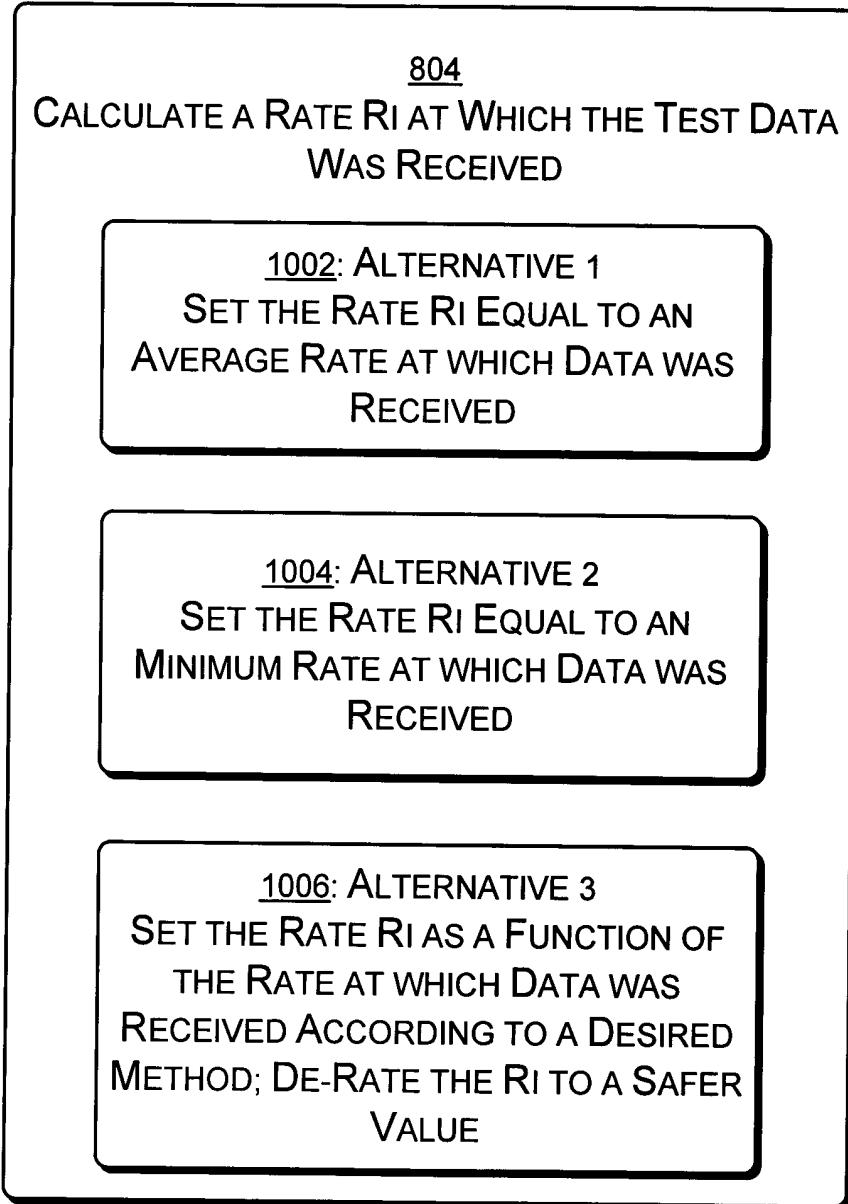


Fig. 10

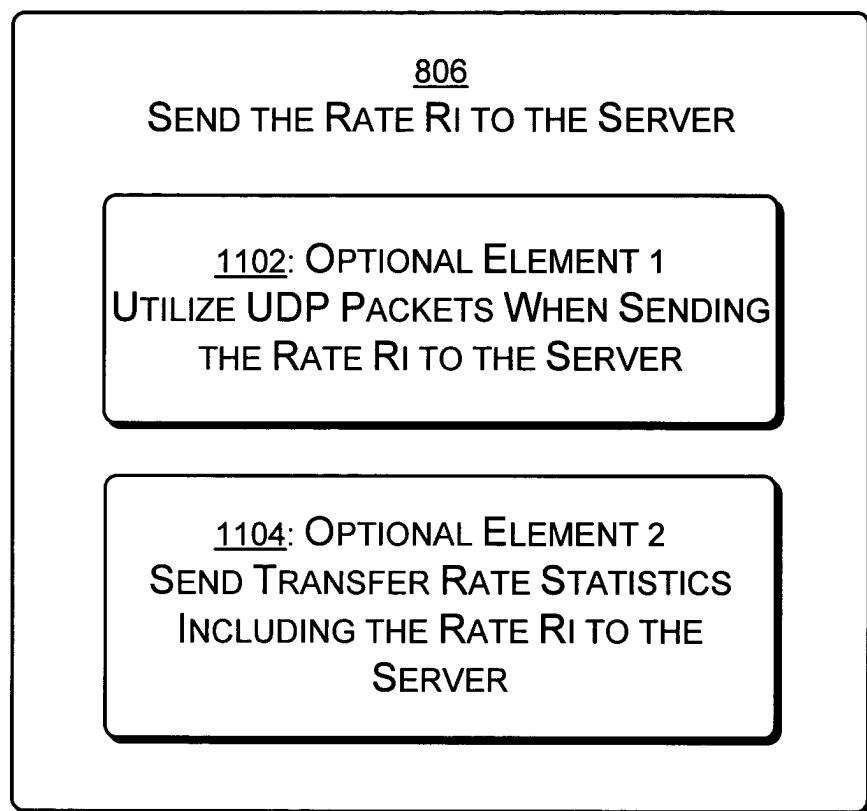


Fig. 11

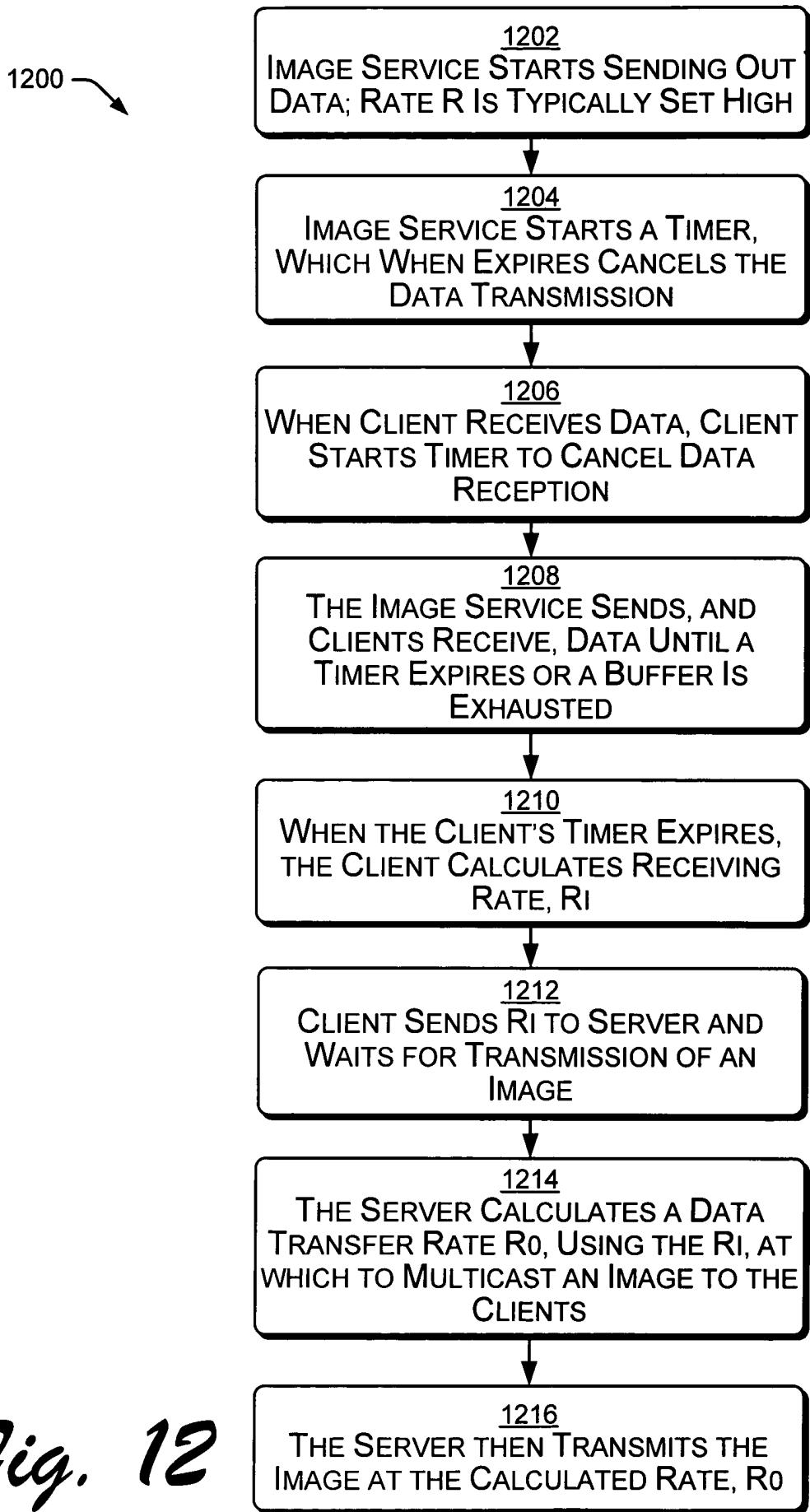


Fig. 12

